

## WHAT IS CLAIMED IS:

1. A radio wave absorbing thermally conductive sheet comprising:

5 a soft sheet formed through mixing soft magnetic powder into silicon resin.

2. A radio wave absorbing thermally conductive sheet according to claim 1, wherein said soft magnetic powder is at least one of either ferritic soft magnetic powder or metallic soft magnetic powder.

10 3. A radio wave absorbing thermally conductive sheet according to claim 2, wherein said metallic soft magnetic powder comprises one or more among permalloy, Sendust, silicon steel, Permendur, pure iron, and magnetic stainless steel, and said powder comprises spherical or flat-shaped particles.

15 4. A radio wave absorbing thermally conductive sheet according to any one of the preceding claims, wherein a surface of said soft sheet is adhesive.

5. A radio wave absorbing thermally conductive sheet according to any one of the preceding claims, wherein said  
20 soft sheet is provided at both sides or one side of a electrically conductive sheet.

6. A radio wave absorbing thermally conductive sheet according to claim 5, said electrically conductive sheet is of soft magnetic metal.

25 7. A radio wave absorbing thermally conductive sheet according to any one of the preceding claims, wherein nonmagnetic inorganic powder is mixed into said soft sheet.